

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	10/087975.app.	US-PGPUB; USPAT	OR	ON	2010/04/23 17:08
L2	541	725/133.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/23 17:23
L3	198	2 and (@ad< "20010301" @rlad< "20010303")	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/23 17:23
L4	22204	"725"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/23 17:25
L5	8286	4 and (@ad< "20010301" @rlad< "20010303")	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/23 17:25
L6	0	5 and (button key) same (duration period) near time same deprss\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/23 17:26
L7	0	5 and (button key) same (duration period) same deprss \$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/23 17:26
L8	150	5 and (button key) same (duration period) same depress\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/23 17:27
L9	20	5 and (button key) same (duration period) same depress\$3 same function	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/23 17:28
L10	17	348/734.ccls. and (button key) same (duration period) same depress\$3 same function	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/23 17:28
S1	0	725/50/ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 13:16
S2	181	725/50.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 13:16
S3	1	S2 and (((depress\$3 activat \$3 press\$3) near5 (duration tim\$3 period)) near8 (button key)) near8 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 13:33
S4	2	S2 and (((depress\$3 activat\$3 press\$3) near6 (duration tim \$3 period)) near8 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 13:40
S5	4	S2 and (((depress\$3 activat\$3 press\$3) near10 (duration period)) near10 (button key))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 13:44

S6	39	725/39.cds. and (((depress\$3 activat\$3 press\$3) near10 (duration period)) near10 (button key))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 15:40
S7	1	("4621259").PN.	USPAT; USOCR	OR	OFF	2006/08/14 15:46
S8	1	"20020122079"	US-PGPUB; USPAT	OR	OFF	2006/08/14 15:46
S9	20	moir-mark.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 17:15
S10	0	("2002/0036719").URPN.	USPAT	OR	OFF	2006/08/14 17:22
S11	0	"gb0021547.5"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 17:23
S12	1	"0021547.5"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 17:27
S13	2	"20010005905"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 17:43
S14	1	("6476825").PN.	USPAT; USOCR	OR	OFF	2006/08/14 17:43
S15	305	((duration period) near3 ((button key) near2 (depress \$3 press\$3))) with function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 17:14
S16	305	((duration period) near3 ((button key) near2 (depress \$3 press\$3))) with function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 17:14
S17	210	((duration period) near2 ((button key) near2 (depress \$3 press\$3))) with function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 17:15
S18	6	S17 and "725".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 17:16

S19	210	((duration period) near2 ((button key) near2 (depress\$3 press\$3))) with function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 09:13
S20	248	((duration period length) near2 ((button key) near2 (depress\$3 press\$3))) with function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 09:32
S21	6	S20 and "725".das.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 09:15
S22	0	S20 and (((use usage utilization) near3 frequen\$2) near4 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 09:19
S23	0	S20 and (((use usage utilization) near5 (often\$4 frequen\$2)) near5 function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 09:21
S24	3	S20 and ((use usage utilization) near5 (often\$4 frequen\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 09:21
S25	135	((duration period length) near2 ((button key) near2 (depress\$3 press\$3))) near5 function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 09:33
S26	88	((duration period length) near2 ((button key) near2 (depress\$3 press\$3))) near3 function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 09:33
S27	59	((duration period length) near2 ((button key) near2 (depress\$3 press\$3))) near2 function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:31
S28	538	((duration period length) near2 ((button key) near2 (depress\$3 press\$3 activat\$3))) same ((use usage control\$4 operat\$3) near5 (time frequen\$3 often\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:38

S29	281	((duration period length) near2 ((button key) near2 (depress\$3 press\$3 activat \$3))) with ((use usage control \$4 operat\$3) near5 (time frequen\$3 often\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:39
S30	249	((duration period length) near2 ((button key) near2 (depress\$3 press\$3 activat \$3))) near8 ((use usage control\$4 operat\$3) near5 (time frequen\$3 often\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:39
S31	174	((duration period length) near2 ((button key) near2 (depress\$3 press\$3 activat \$3))) near5 ((use usage control\$4 operat\$3) near4 (time frequen\$3 often\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:40
S32	131	((duration period length) near2 ((button key) near2 (depress\$3 press\$3 activat \$3))) near4 ((use usage control\$4 operat\$3) near3 (time frequen\$3 often\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:41
S34	84	((duration period length) near2 ((button key) near2 (depress\$3 press\$3 activat \$3))) near2 ((use usage control\$4 operat\$3) near2 (time frequen\$3 often\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:43
S35	0	((duration period length) near2 ((button key) near2 (depress\$3 press\$3 activat \$3))) near2 ((use usage) near2 (time frequen\$3 often \$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:44
S36	0	((duration period length) near2 ((button key) near2 (depress\$3 press\$3 activat \$3))) near6 ((use usage) near2 (time frequen\$3 often \$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:44
S37	1	((duration period length) near2 ((button key) near2 (depress\$3 press\$3 activat \$3))) near6 ((use usage) near6 (time frequen\$3 often \$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:46
S38	1	((duration period length) near2 ((button key) near2 (depress\$3 press\$3 activat \$3))) near10 ((use usage) near6 (frequen\$3 often\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:49

S39	0	((duration period length) near2 ((button key) near2 (depress\$3 press\$3 activat \$3))) same (function near5 ((use usage) near3 (frequen \$3 often\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 12:42
S40	0	((duration period length) near2 ((button key) near2 (depress\$3 press\$3 activat \$3))) same (function near8 ((use usage) near3 (frequen \$3 often\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 12:44
S41	0	((duration period length) near4 ((button key) near4 (depress\$3 press\$3 activat \$3)) near5 function) same ((use usage) near3 (frequen \$3 often\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 12:48
S42	6	((duration period length) near4 ((button key) near4 (depress\$3 press\$3 activat \$3))) near5 function) same (use usage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 14:41
S43	59	kamen-yakov.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 15:20
S44	2659806	wo "0001149"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 15:21
S45	0	wo0001149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 15:22
S46	0	wo-0001149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 15:22
S47	0	pct19900344	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 15:26
S48	1	("4621259").PN.	USPAT; USOCR	OR	OFF	2006/08/16 15:29
S49	1	("5929849").PN.	USPAT; USOCR	OR	OFF	2006/08/16 15:29
S50	1	("6078348").PN.	USPAT; USOCR	OR	OFF	2006/08/16 15:30

S51	1	("6072983").PN.	USPAT; USOCR	OR	OFF	2006/08/16 15:31
S52	1	("5243418").PN.	USPAT; USOCR	OR	OFF	2006/08/16 15:32
S53	1	("5999187").PN.	USPAT; USOCR	OR	OFF	2006/08/16 15:32
S54	125	((duration period length) near2 ((button key) near2 (depress\$3 press\$3 activat\$3))) near3 ((use usage control\$4 operat\$3) near3 (time frequen\$3 often\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 15:38
S55	1	"5017143".PN.	USPAT; USOCR	OR	OFF	2006/08/16 16:25
S56	1	"5557686".PN.	USPAT; USOCR	OR	OFF	2006/08/16 16:38
S57	1	"5424730".PN.	USPAT; USOCR	OR	OFF	2006/08/16 16:38
S58	1	"4805222".PN.	USPAT; USOCR	OR	OFF	2006/08/16 16:38
S59	1	"4644841".PN.	USPAT; USOCR	OR	OFF	2006/08/16 16:39
S60	1	"4621334".PN.	USPAT; USOCR	OR	OFF	2006/08/16 16:39
S61	1	"4493237".PN.	USPAT; USOCR	OR	OFF	2006/08/16 16:40
S62	1	"4323888".PN.	USPAT; USOCR	OR	OFF	2006/08/16 16:42
S63	1	"4106011".PN.	USPAT; USOCR	OR	OFF	2006/08/16 16:47
S64	1	"4323888".PN.	USPAT; USOCR	OR	OFF	2006/08/16 16:49
S65	1	"4281579".PN.	USPAT; USOCR	OR	OFF	2006/08/16 16:50
S66	2	"2856052".PN.	USPAT; USOCR	OR	OFF	2006/08/16 16:50
S67	2	"2717688".PN.	USPAT; USOCR	OR	OFF	2006/08/16 16:50
S68	2	"2348744".PN.	USPAT; USOCR	OR	OFF	2006/08/16 16:51
S69	2	"1798385".PN.	USPAT; USOCR	OR	OFF	2006/08/16 16:51
S70	1	("5982357").PN.	USPAT; USOCR	OR	OFF	2006/08/17 16:55
S71	1	10/087975	US-PGPUB; USPAT	OR	ON	2007/05/18 12:00
S72	1	("5982357").PN.	USPAT; USOCR	OR	OFF	2007/05/18 13:43
S73	1	("4052799").PN.	USPAT; USOCR	OR	OFF	2007/05/18 13:43

S74	1	10/087975.app.	US-PGPUB; USPAT	OR	ON	2008/03/06 12:37
S75	1	("7324168").PN.	USPAT; USOCR	OR	OFF	2008/03/06 12:46
S76	41	("20010011940"   "20040066308"   "4488250"   "4702359"   "4712105"   "4746919"   "4774511"   "5187469"   "5287109"   "5297204"   "5341166"   "5386251"   "5410326"   "5412377"   "5414426"   "5481252"   "5539391"   "5644303"   "5710605"   "5715020"   "5872562"   "5959751"   "6008735"   "6097441"   "6104334"   "6107951"   "6157319"   "6236350"   "6469634"   "6476825"   "6480587"   "6507306"   "6509908"   "6516467"   "6567984"   "6784462"   "6794992"   "6888472"   "7109908"   D366263"   "RE35954").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 14:45
S77	1199	348/734.cds.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 15:44
S78	760	S77 and (@ad< "20010301" @rlad< "20010303")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 15:45
S79	41	S78 and ((key button) near2 (programmable programmed))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 15:47
S80	5281	multiple adj (threshold range)	US-PGPUB; USPAT	OR	ON	2008/03/06 16:31
S81	2417	multiple adj threshold	US-PGPUB; USPAT	OR	ON	2008/03/06 16:32
S82	42	(multiple adj threshold) near3 (time period)	US-PGPUB; USPAT	OR	ON	2008/03/06 16:32
S83	47	tivo.as.	US-PGPUB; USPAT	OR	ON	2008/03/06 17:48
S84	0	S83 and ((duration period length) near4 depress\$3)	US-PGPUB; USPAT	OR	ON	2008/03/06 17:50
S85	18	S83 and ((display indicat\$3) same remote)	US-PGPUB; USPAT	OR	ON	2008/03/06 17:52
S86	7	S83 and ((display indicat\$3) near6 remote)	US-PGPUB; USPAT	OR	ON	2008/03/06 17:53
S87	1	("6757906").PN.	USPAT; USOCR	OR	OFF	2008/03/06 17:59
S88	2417	"multiple threshold"	US-PGPUB; USPAT	OR	ON	2008/03/07 10:58
S89	215	"multiple threshold" with (time period duration)	US-PGPUB; USPAT	OR	ON	2008/03/07 10:59

S90	150	"multiple threshold" near8 (time period duration)	US-PGPUB; USPAT	OR	ON	2008/03/07 10:59
S91	77	S90 and (@ad<"20010301" @rlad<"20010303")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/07 10:59
S92	125	"multiple threshold" near6 (time period duration)	US-PGPUB; USPAT	OR	ON	2008/03/07 11:00
S93	63	S92 and (@ad<"20010301" @rlad<"20010303")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/07 11:00
S94	71	"multiple threshold" near4 (time period duration)	US-PGPUB; USPAT	OR	ON	2008/03/07 11:00
S95	31	S94 and (@ad<"20010301" @rlad<"20010303")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/07 11:00
S96	315	"no operation" near3 (key button)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/07 11:22
S97	195	"no operation" near2 (key button)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/07 11:23
S98	10	("no operation" near2 (key button)) with function	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/07 11:23
S99	6	"last channel button"	USPAT	OR	ON	2008/03/07 15:00
S100	1	("6507306").PN.	USPAT; USOCR	OR	OFF	2008/07/07 12:31
S101	23	(US-20050010947-\$ or US-20020184626-\$ or US-20020036719-\$ or US-20020104100-\$ or US-20010005905-\$ or US-20020040475-\$ or US-20010007149-\$ or US-20020122079-\$ or US-20020085090-\$).did. or (US-5581243-\$ or US-4323888-\$ or US-6588015-\$ or US-6453169-\$ or US-6094016-\$ or US-5835571-\$ or US-5023432-\$ or US-7324168-\$ or US-6757906-\$ or US-5844620-\$ or US-6507306-\$). did. or (JP-01196759-\$).did. or (US-20010005905-\$ or US-4939601-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/10/15 12:07
S103	4	S101 and threshold	US-PGPUB; USPAT	OR	ON	2008/10/15 12:08
S104	3123	multiple near threshold	US-PGPUB; USPAT	OR	ON	2008/10/15 12:38
S105	1215	S104 and (@ad<"20010301" @rlad<"20010303")	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 12:38
S106	5	S105 and "725"/\$.cds.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 12:39
S107	4991	multiple near2 threshold	US-PGPUB; USPAT	OR	ON	2008/10/15 12:40

S108	1896	S107 and (@ad<"20010301" @rlad<"20010303")	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 12:40
S109	9	S108 and "725"/\$.cds.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 12:40
S110	40	multiple near2 threshold same (button key)	US-PGPUB; USPAT	OR	ON	2008/10/15 12:42
S111	12	S110 and (@ad<"20010301" @rlad<"20010303")	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 12:42
S112	502	multiple near2 threshold with (time period interval)	US-PGPUB; USPAT	OR	ON	2008/10/15 12:55
S113	344	multiple near2 threshold near8 (time period interval)	US-PGPUB; USPAT	OR	ON	2008/10/15 12:56
S114	294	multiple near2 threshold near6 (time period interval)	US-PGPUB; USPAT	OR	ON	2008/10/15 12:56
S115	274	multiple near2 threshold near5 (time period interval)	US-PGPUB; USPAT	OR	ON	2008/10/15 12:56
S116	205	multiple near2 threshold near4 (time period interval)	US-PGPUB; USPAT	OR	ON	2008/10/15 12:56
S117	75	S116 and (@ad<"20010301" @rlad<"20010303")	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 12:56
S118	1431	(skip terminat\$3) same (period interval amount) near time same (depress\$3 push)	US-PGPUB; USPAT	OR	ON	2010/04/23 15:05
S119	1055	(skip terminat\$3) same (period interval amount) near time same depress\$3	US-PGPUB; USPAT	OR	ON	2010/04/23 15:05
S120	598	(skip terminat\$3) same (period interval amount) near time same depress\$3 same (key button)	US-PGPUB; USPAT	OR	ON	2010/04/23 15:06
S121	565	(skip terminat\$3) same (duration period interval) near time same depress\$3 same (key button)	US-PGPUB; USPAT	OR	ON	2010/04/23 15:06
S122	418	S121 and (@ad<"20001019" @rlad<"20001019")	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/23 15:08
S123	161	(skip terminat\$3) same (duration period interval) near time with depress\$3 near2 (key button)	US-PGPUB; USPAT	OR	ON	2010/04/23 15:08
S124	94	(skip terminat\$3) same (duration period interval) near time with depress\$3 near (key button)	US-PGPUB; USPAT	OR	ON	2010/04/23 15:09
S125	41	(skip terminat\$3) with (duration period interval) near time with depress\$3 near (key button)	US-PGPUB; USPAT	OR	ON	2010/04/23 15:09
S126	6	ignor\$3 with (duration period interval) near time near6 depress\$3 near2 (key button)	US-PGPUB; USPAT	OR	ON	2010/04/23 15:39

## **EAST Search History (Interference)**

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4/ 23/ 2010 5:29:34 PM

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